

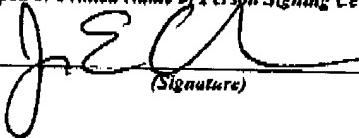
**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**  
Applicant(s): CLARK LUMDocket No.  
HCSI-101Serial No.  
10/090,632Filing Date  
March 6, 2002Examiner  
WOITACH, Joseph T.Group Art Unit  
1632

## Invention:

**SYSTEM AND METHOD FOR DELIVERING UMBILICAL CORD-DERIVED TISSUE-MATCHED STEM CELLS FOR TRANSPLANTATION**

I hereby certify that this Response to Election of Species Requirement (6 pages)  
(Identify type of correspondence)  
is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 703-872-9306)  
on August 27, 2004  
(Date)

June E. Cohan, Reg. No. 43,741  
(Typed or Printed Name of Person Signing Certificate)

  
(Signature)

Note: Each paper must have its own certificate of mailing.

AUG 27 2004

**HCSI-101****PATENT**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**CLARK LUM**

Serial No.: 10/090,632

Filed: March 6, 2002

For: **SYSTEM AND METHOD FOR  
DELIVERING UMBILICAL CORD-  
DERIVED TISSUE-MATCHED  
STEM CELLS FOR  
TRANSPLANTATION**

Art Unit: 1632

Examiner: WOITACH, Joseph T.

**RESPONSE TO ELECTION OF SPECIES REQUIREMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on March 26, 2004, Applicants hereby provisionally elect the cell species of CD34+ cells and the matched loci type species of HLA-A, for initial examination in the present application. Claims 5 and 13 read on the elected cell species. New claim 17 reads on the elected type of matched loci species. Claims 1-17 are generic to the CD34+ cells species. Claims 1-16 are generic to the type of matched loci type species.

No extension of time or other fees are believed to be due, except as detailed in the attached documents. However, any extension of time necessary to prevent abandonment is hereby requested, and any fee necessary for consideration of this response is hereby authorized to be charged to Deposit Account Number 50-1390.

Serial No.: 10/090,632  
Art Unit: 1632

Attorney's Docket No.: HCSI-101  
Page 2

**Amendments to the Specification:** None.

**Amendments to the Claims:** reflected in the listing of claims that begins on page 3 of this paper.

**Amendments to the Drawings:** None.

**Remarks:** begin on page 6 of this paper.